

Device for taking the weight of a one-leaf or two-leaf
door for a switchgear cabinet

Abstract

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The invention relates to a device for taking the weight of a one-leaf or two-leaf door for a switchgear cabinet, the frame of which is made up of profiled bars, in the case of a one-leaf door the free vertical side edge of the door striking against a vertically running profiled bar and in the case of a two-leaf door the vertical free side edges touching or ending at a small distance from one another when the two-leaf door is closed. At least one guiding element (20) is provided, with at least one respective run-up slope (22, 23; 24, 24a, 24b), which

- in the case of a one-leaf door is arranged in the region on the free side edge and interacts with a run-up edge (19) on the profiled bar against which the door strikes in such a way that, during closing, the guiding element (20) slides with its run-up slope (22) onto the run-up edge (19) and thereby takes part of the weight of the door, and which
- in the case of a two-leaf door is arranged in the region of the upper side edge and in the vicinity of the free side edges of each door leaf and, during closing, runs with its run-up slope (24) onto a respective run-up edge at least on the upper horizontally running profiled bar, and consequently takes part of the weight of the door leaves.

Significant figure: Figure 4